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to Know  
In Time'**

# Air Conditioning & REFRIGERATION



# NEWS

**BULLETIN  
EDITION**

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## WPB MAY MOVE SOON TO PROVIDE DOMESTIC REPAIR PARTS

NEW YORK CITY—A "high authority in the War Production Board" was quoted as saying last week that, according to a current survey of about 3,000 homes, shortages of household equipment largely are caused by lack of maintenance parts, and only to a "moderate" degree by lack of a sufficient supply of the articles themselves.

Scarcity of repair goods is resulting in use of home equipment, particularly the mechanical, to the point of destruction, it was said. On the basis of the home survey, to be completed about the middle of July, WPB consumer representatives, it is believed, will seek more raw materials for manufacture of household equipment parts and repair items, and probably will recommend only a relatively small increase in the manufacture of equipment itself.

## GROUP SEEKS TO MAKE WASHERS TO RELIEVE LAUNDRY PROBLEM

CHICAGO—An attempt to relieve the serious shortage of laundry facilities, already acute in congested areas, will be made by polling members of the Washer and Ironer Manufacturers Association to ascertain how much of an increase can be made in the production of laundry equipment without interfering with war work, it was learned during a meeting of the association here recently.

With proof that American standards of cleanliness are slipping and with results of the poll, industry representatives will seek an official "go-ahead" order to resume production of home laundry equipment. This, they believe, will be forthcoming without difficulty inasmuch as the Administration in Washington is fully aware of the laundry problem. Congested Washington, they say, is noticing the effects of curtailed washing equipment like all other over-crowded centers.

Commercial laundries, manufacturers say, are burdened with quantities of work which could be handled in the home.

## LOCKER PLANT PROGRAM AWAITS OFFICIAL APPROVAL

WASHINGTON, D. C.—Proposals for the expansion in the number of refrigerated locker plants in the country, sponsored by a sub-committee of the Senate Agricultural Committee, last week was referred to a "higher committee" in the government's administrative setup, it was reported here last week.

"Positive action" on the proposals might be expected in a week, one source said.

Following favorable hearings before the Senate group the program was said to have been placed in the hands of the War Food Administration and the Materials Requirement Committee of WPB for consideration.

## Gov't To Authorize 100,000 Home Food Dehydrators

WASHINGTON, D. C.—Approval of a plan for producing 100,000 domestic food dehydrators before Sept. 1 was announced June 22 by the War Production Board. This production has been requested by the War Food Administration in time for use in preserving farm and victory garden fruit and vegetable produce.

Details of the production program are being worked out by the Consumers Durable Goods Division of WPB, to be announced simultaneously with an order, now being prepared, which will provide for such production. A plan for distribution of the dehydrators is also being developed by this division and WFA.

A home food dehydrator removes  
(Concluded on Page 2, Column 3)

## L-126 Amended To Permit More Types Of Condensing Units

WASHINGTON, D. C.—Restrictions on the use of steel in specific parts of certain sizes of refrigerating equipment were eased by WPB on June 17 with the issuance of an amended Limitation Order L-126.

The changes brought about by the amendment are confined to Schedule II of the order. Most important provisions are:

Permits manufacture of water cooled condensing units of 2 hp. or less designed to operate at a refrigerant suction temperature below -40° F., or in an air tight room or enclosure such as a photographic development laboratory or where the condensing unit must operate in an ambient temperature of 110° F. or higher.

Permits the manufacture of 3 hp. air cooled condensing units, 3 hp. water and air cooled models, and special models operating below 25° F.

Permits the use of carbon steel for condensing unit bases to the extent of 30 pounds per horsepower, and an unlimited amount of cast iron.

Removes restrictions on use of steel for fan shrouds.

## Few Appliances To Be Made For 'Preferred Uses'

## Only Commercial Models For Civilians, However; Repair Parts Restricted

WASHINGTON, D. C.—A completely revamped General Limitation Order L-65, covering electrical appliances, was issued June 17 by WPB. It provides for the manufacture of several more kinds of electrical appliances for preferred order and for a limited production of certain kinds of heavy duty appliances for commercial civilian use.

The amended order also tightens control over production of repair parts through restrictions, limitations, and a trade-in-or-scrap plan.

Since May 31, 1942 and until this revised order was put into effect, production of all electrical appliances had been cut off completely except for certain types to fill military and similar preferred orders.

The revised order opens no new production for general civilian use, however, and one of its principal general effect is to ban the production of repair parts for "luxury" electrical appliances.

Flat irons, air heaters, and water heaters have been added to the electrical appliances that may be produced for preferred orders (Army, Navy, Maritime Commission, and War Shipping Administration).

Previously, the permitted list for preferred orders included: Broilers, food choppers, food mixers, food grinders, food servers, food slicers, fry kettles, griddles, hotplates, juicers, ovens, ranges, toasters, urns, and vegetable peelers.

Production of the latter group may be resumed by a manufacturer for civilian use, but only of the commercial and heavy duty types, and not in excess of 10% per quarter of the number of these units he had produced during 1940. Furthermore, he must not accumulate in his inventory more than 15% of his 1940 production of each item.

(Concluded on Page 2, Column 2)

**This is the bulletin issue of the News. More details on the news stories plus special features in next week's full size issue.**



## Riley Plans Servicing Concern In Long Beach

LONG BEACH, Calif.—The Riley Refrigeration Service, through Alfred T. Riley, has published an intention to conduct business at 320 West Pacific Coast Highway, Long Beach.

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R.B. Spangler, 3331 Market St. • E. Parker, 228 2nd St.

## Any Business Establishment Can Certify CMP-5 Rating for Refrigeration or Air Cooling Parts

### Other Interesting Interpretations of Recent Priorities Changes Given by Manufacturer

DETROIT—Repair shops and servicemen doing commercial refrigeration maintenance and repair work may use their customer's preference rating and allotment symbol certified to them under the terms of CMP Regulation No. 5 as amended, when ordering replacement parts and materials, according to a recent manufacturer's bulletin.

The procedure suggested by the bulletin begins with certification by the business concern (customer), in their order to the service organization, of the specific preference rating and allotment symbol assigned to them, as follows:

"Preference rating . . . MRO. The undersigned certifies, subject to the criminal penalties for misrepresentation contained in section 35 (A) of the United States Criminal Code, that the items covered by this order are required for essential maintenance repair or operating supplies; that this order is rated and placed in compliance with CMP Regulation No. 5; and that the delivery requested will not result in a violation of the quantity restrictions contained in paragraph (f) of said regulation."

Under the terms of CMP 5, the bulletin points out, the serviceman can then forward the parts order to the manufacturer, with his own statement that he is extending his customer's preference rating and allotment symbol.

"Preference rating . . . , allotment symbol MRO. The undersigned certifies, subject to the criminal penalties for misrepresentation contained in section 35 (A) of the United States Criminal Code, that he is authorized under CMP Regulation No. 3 to apply or extend the above preference rating and allotment number or symbol to the delivery of the items covered by the attached delivery order."

Under this procedure, the bulletin adds, the customer may then originate an AA-5 priority, extendable to the manufacturer, for comfort cooling parts (which cannot be rated under P-126), and if the serviceman does not have a Certificate of Authority under P-126 his customer can originate an AA-5 for commercial parts as well. The serviceman in turn can extend this AA-5 to the manufacturer, as described above.

Where the serviceman already has a Certificate of Authority under P-126, he will need to ask his customer only for an AA-5 covering parts for comfort cooling air conditioning equipment. This entire regulation, the bulletin points out, applies only to the commercial field; the customer requesting the service must be a commercial establishment.

For other recent changes in WPB regulations, notably Orders L-38 and M-28, the bulletin suggested the following interpretations:

A replacement of commercial parts under warranty now requires an AA-5 or higher priority. Whether or not the original purchase was made under a priority, or whether upon a cash or credit basis, any purchase or exchange transaction now must have the same priority clearance that a purchase out of warranty would require.

The repair or exchange of assembly units such as compressors and condensers likewise must be cleared under a priority rating of AA-5 or higher.

The purchase of any part containing more than two pounds of copper or of copper base alloys requires an AA-4 or higher, but commercial parts containing less than two pounds now may be sold on an AA-5 rating. For parts to be used in household refrigerators no priority is necessary, and commercial parts with two or more pounds of copper or of copper base alloys can be repaired on an AA-5 order if within one pound of copper or alloy used can be salvaged in turn from the damaged parts. Again, no priority is required for a household refrigerator part.

"Freon-12" no longer can be used for comfort cooling air conditioning installations, being reserved hereafter for industrial processing and for essential food processing and storage.

The delivery of commercial parts, either new or used, is now authorized in Order L-38 on AA-5, instead of on only AA-4 or higher, the previous limitation, and the dollar-value limitation on household air conditioning parts has been removed entirely.

Parts for reserve stock now apparently are possible. The term "for emergency service" has been replaced in L-38 by "for maintenance and repair service," under P-126 ratings.

months.

Manufacturers and distributors are not permitted to transfer a repair or replacement part unless a similar used part is given in exchange; or unless they are assured that the similar used part is being held for them, to be forwarded later or turned in for scrap, whichever they themselves request. Preferred orders are exempt from this provision.

To provide resistance material for repair purposes from the wire now in certain frozen inventories, manufacturers may not transfer or use the resistance material (chromium and nickel) in such inventories without specific authorization from WPB. Applications to use or transfer must be filed with WPB on Form WPB-1319 (formerly PD-556.)

Manufacturers of electric appliances listed in L-65 are required to file production and delivery reports for each month on Form WPB-1600 (formerly PD-655) by the 10th of the succeeding month. Thus, this form for June must be filed by July 10.

General Limitation Order L-65, as amended. Issued June 17, 1943.

### Production Authorized For 100,000 Dehydrators

(Concluded from Page 1, Column 2)  
moisture from raw food, so drying the food that it will be preserved in flavor and food value for later use. Formal definition of a domestic food dehydrator, for the purpose of the program is: "A self-contained unit in which the temperature, humidity, and air flow within a cabinet are mechanically controlled for the purpose of removing the moisture contained in vegetables and fruits, and designed for use in the house. It must be so devised as to produce a dehydrated food product acceptable to the Office of Production Research and Development (WPB)."

## T. K. Quinn Heads War Production Drive Activities



T. K. QUINN

WASHINGTON, D. C.—Announcement has just been made of the appointment of T. K. Quinn of Darien, Conn., as Director General of the War Production Drive. It is understood that he is to have general charge of the Labor-Management Committee activities of the WPB and of any special campaigns and promotions such as the impending drive for more steel production to begin in Pittsburgh this month providing sufficient coal is available.

Mr. Quinn is a lawyer and an accountant and is president of Maxon, Inc., the advertising agency in New York. He is the author of numerous magazine and newspaper articles and of a new book recently published by Hastings House, New York, "Liberty, Employment and No More Wars."

(Mr. Quinn's book has been the subject of a "debate" in print in AIR CONDITIONING & REFRIGERATION NEWS, the debate starting with an open letter from Editor George Taubeneck in the May 24 issue, this being answered by Mr. Quinn in the June 7 issue, with interesting and lengthy comments by readers in the June 21 issue.)

Announcement of Mr. Quinn's appointment was made by Vice Chairman Charles E. Wilson of the WPB.

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Customers will prefer your Salem locker plant to all others because THEY DO NOT ENTER THE COLD, REFRIGERATED CHAMBER. You will sell more food. A Salem plant operates easily, there's no defrosting necessary in the storage chamber, and it provides twice as much rentable space with as much as 57% less BTU. loss. WRITE TODAY for literature and prices.

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# Revamped L-65 Order Authorizes Appliances for 'Preferred' Uses

Part 1130—Electrical Appliances  
[General Limitation Order L-65, as Amended June 17, 1943]  
Section 1130.1 General Limitation Order L-65 is hereby amended to read as follows:

§ 1130.1 General Limitation Order L-65—(a) Definitions. For the purposes of this order:

(1) "Electrical appliances" means only those appliances listed on Schedule A of this order which have as functional parts, electrical heating units (of any wattage), or which are powered by an electrical vibrator or electrical fractional horsepower motor.

(2) "Heating unit" means any electric heating unit designed primarily for use in an electrical appliance or in a domestic type electric range.

(3) "Electrical resistance material" means material in the form of ribbon or wire to be incorporated in heating units, in which either nickel or chromium or both, are used to create electrical resistance for the development of heat.

(4) "Manufacturer" means any person engaged in the business of manufacturing or assembling any heating units, electrical appliances or parts for such appliances, including a person who assembles parts of an electrical appliance for sale in knock-down form.

(5) "Distributor" means any person engaged in the business of transferring heating units, electrical appliances or parts for such appliances to his retail outlets or to other dealers.

(6) "Dealer" means any person engaged in the business of transferring or repairing heating units, electrical appliances or parts for such appliances to or for ultimate consumers.

Any person who acts in more than the single capacity of manufacturer, distributor or dealer as defined in paragraphs (a) (4), (a) (5) and (a) (6) of

this order shall for the purposes of this order be deemed a manufacturer, distributor or dealer, depending upon the capacity in which he acts in each specific transaction.

(7) "Preferred order" means any purchase order, contract or subcontract for delivery to or for the account of the Army or Navy of the United States, the United States Maritime Commission or the War Shipping Administration.

(8) "Repair or replacement part" means any heating unit for a domestic electric range or any heating unit or other part for an electrical appliance when such heating unit or part is not produced for use in the manufacture or assembly of any new electrical appliance or new domestic electric range.

(9) "Current-carrying parts" include only the following parts: Heating units, thermostats and temperature controls, relays, lead-in and connection wires, switches, terminals, fuses, receptacles and parts of motors which conduct electric current, but shall not include cord sets.

(b) General restrictions on production. (1) On and after June 17, 1943, no manufacturer shall produce any new electrical appliance (or parts thereof) other than repair or replacement parts, except:

(i) The following new electrical appliances (or parts thereof) may be produced in fulfillment of preferred orders: Coffee makers, flat irons, air heaters, water heaters, and commercial or heavy duty equipment of the following types: broilers, food choppers, food mixers, food grinders, food servers, food slicers, fry kettles, griddles, hotplates, juicers, ovens, ranges, toasters, urns and vegetable peelers.

(ii) During the period beginning June 17, 1943, and ending Sept. 30, 1943, inclusive, and during each three months period thereafter, the manufacturer may produce for other than preferred orders as specified in paragraph (b) (1) (i) above, no more units of any of the following types of new electrical appliance (or parts thereof) than 10% of the number of units of that particular electrical appliance (or parts thereof) produced by him during 1940: Commercial or heavy duty equipment of the following types: broilers, food choppers, food mixers, food grinders, food servers, food slicers, fry kettles, griddles, hotplates, juicers, ovens, ranges, toasters, urns and vegetable peelers; **Provided**, that no manufacturer shall produce any units of any type of new electrical appliance (or parts thereof) listed in this paragraph (ii) if such production will result in an accumulation of inventory of that particular type of new electrical appliance (or parts thereof) greater than 15% of the number of units of that particular electrical appliance (or parts thereof)

produced by him during 1940.

(2) On and after June 17, 1943, no manufacturer shall use copper or copper base alloys in the production of any new electrical appliances, or parts thereof (whether or not in fulfillment of preferred orders) specified in paragraph (b) (1) of this order, except for such minimum amounts as are necessary for the conduction of electric current or essential to the proper functioning of parts.

(c) Restrictions on transfer of new electrical appliances. On and after June 17, 1943, no manufacturer shall transfer the physical possession of or title to any new electrical appliance manufactured after that date, except:

(1) In fulfillment of preferred orders.

(2) Pursuant to specific authorization of the War Production Board on Form PD-556 pursuant to an application filed on said Form. Form PD-556 may be obtained from the nearest regional or district office of the War Production Board and shall be submitted in quadruplicate, according to the following instructions:

(i) Under section I, supply the name and address of the manufacturer and supplier of the equipment if the application is submitted by anyone other than the appliance manufacturer;

(ii) Under section II (a), supply a complete description of the electrical appliance, manufacturer's model designation and size or capacity;

(iii) Under section II, do not fill in (b), (c) and (d).

(iv) Answer all applicable questions on the form except Questions 6, 7 and 8 in section III.

(d) Repair or replacement parts. (1) Except in fulfillment of preferred orders,

## Type of equipment

Air heaters ..... Commercial permanent wave equipment and commercial hair driers.

Flat irons ..... Commercial or heavy duty equipment of the following types: broilers, food choppers, food mixers, food grinders, food servers, food slicers, fry kettles, griddles, hotplates, juicers, ovens, ranges, toasters, urns and vegetable peelers.

Heating units for domestic electric ranges Hotplates and disc stoves..... Roasters ..... Water heaters .....

on and after June 17, 1943, no manufacturer shall use copper or copper base alloys in the production of any repair or replacement parts other than the specific parts listed on the following table, or any part thereof:

(2) On and after June 17, 1943, no manufacturer shall use copper or copper base alloys in the production of repair or replacement parts in fulfillment of preferred orders, except for such minimum amounts necessary for the conduction of electric current or essential to the proper functioning of parts.

(3) On and after June 17, 1943, no manufacturer shall produce any replacement cord sets except for flat irons. Replacement cord sets produced for flat irons shall conform to the following specifications: The cord shall be of a quality which tests 3,000 or more cycles in flexure and shall be not more than 6 feet in length; plugs and caps shall be so constructed that they can be readily dismantled and reassembled for repair purposes. During the period beginning June 17, 1943, and ending Dec. 31, 1943, and during each six month period thereafter, no manufacturer shall produce more replacement cord sets for flat irons than 25% of the number of such replacement cord sets produced by him during the year 1940.

(4) On and after June 17, 1943, no manufacturer shall produce any repair or replacement parts (other than replacement cord sets for flat irons) if he has, or as a result of such production will have, more parts of such type in his inventory than the number of parts of such type which he sold during the preceding six calendar months.

(5) Except in fulfillment of preferred orders, on and after June 17, 1943, no manufacturer or distributor shall transfer any repair or replacement parts unless a similar used part has been delivered to him in exchange therefor, or unless he has been informed that a similar used part is being held or will be secured by the dealer or distributor to whom the new part is being transferred, or has been disposed of in accordance with this paragraph. The used parts shall be held subject to disposition at the direction of the manufacturer or distributor who transferred the new part. If no such direction is given within 60 days, the person holding the used part shall promptly dispose of it through regular scrap channels.

(e) Restriction on use or transfer of electrical resistance material. On and after June 17, 1943, no manufacturer shall use in the production of heating units or transfer for any purpose whatsoever, any electrical resistance material reported by him in columns 4 and 8 of Form PD-370 prior to Sept. 30, 1942, except pursuant to specific authorization of the War Production Board on Form PD-556 pursuant to an application filed on said Form.

(1) When filing Form PD-556 as an application to use electrical resistance material in the production of heating units, answer all applicable questions except section I, Columns (b) and (c) in section II, and Questions 4, 6, 7 and 8 in section III.

(2) When filing Form PD-556 as an application for the transfer of resistance material, answer all applicable questions except Columns (b) and (c) in section II, and Questions 4, 6, 7 and 8 in section III. The unit of measure in each case, under Column (d) of Section II shall be pounds.

(f) Inventory restrictions. No manufacturer shall accumulate for use in the manufacture of electrical appliances, heating units, or repair or replacement parts, any inventories of raw materials, semi-processed materials or finished parts in quantities in excess of the minimum amount necessary to maintain production as permitted by this order.

(g) Applicability of other orders. In so far as any other order heretofore or hereafter issued by the Office of Production Management or the War Production

Board limits the use of any material in the production of electrical appliances, heating units, or repair or replacement parts to a greater extent than the limits imposed by this order, the provisions of such other order shall govern unless otherwise specified therein.

(h) Applicability of regulations. This order and all transactions affected thereby are subject to all applicable provisions of the regulations of the War Production Board, as amended from time to time.

(i) Reports. Every manufacturer affected by this order shall execute and file Form PD-655 with the War Production Board, Washington, D. C., Ref.: L-35, on or before the 10th day following the close of each calendar month.

(j) Appeals. Any appeal from the provisions of this order should be made on Form PD-500.

(k) Violations. Any person who willfully violates any provision of this order, or who, in connection with this order, willfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(l) Communications. All reports required to be filed hereunder and all communications concerning this order shall, unless otherwise directed, be addressed to the War Production Board, Consumers Durable Goods Division, Washington, D. C., Ref.: L-65.

Repair or replacement parts for which copper or copper base alloys are permitted

Current-carrying parts. Other than copper or copper base alloy disposable grids for permanent wave equipment.

Cord sets pursuant to paragraph (d) (3) of this order and current-carrying parts. Current-carrying parts and motor bearings where the use of other material is impracticable.

Current-carrying parts. Current-carrying parts. Current-carrying parts and immersion units.

Issued this 17th day of June 1943.  
WAR PRODUCTION BOARD,  
By J. Joseph Whelan,  
Recording Secretary.

Schedule A  
The following is the list of electrical appliances specified in subparagraph (a) (1) of this Order:

Air Heaters (except as covered by L-107 and L-158)  
Aquarium Heaters  
Baking Ovens  
Barbecue Machines  
Biscuit and Muffin Bakers  
Blankets  
Bottle Warmers  
Bread Slicers (except as covered by L-83)  
Bread Toasters (except as covered by L-182)  
Broilers  
Casserole  
Chafing Dishes  
Choppers, food and meat  
Cigar and Cigarette Lighters  
Clothes Driers  
Coffee Makers  
Coffee Mills  
Coffee Roasters  
Commercial Cooking and Food and Plate Warming Equipment  
Corn Poppers  
Curling Irons  
Dehydration Devices (domestic)  
Dishwashing Equipment (domestic)  
Double Boilers  
Doughnut Cookers  
Dry Shavers  
Egg Boilers  
Face and Hand Driers  
Fan Type Heaters (except as covered by L-107 and L-158)  
Faucet Heaters  
Flat Irons  
Fly Screens and Traps  
Fireplaces  
Food Choppers and Slicers  
Food Conveyance Equipment  
Food Cooking Equipment  
Food Dehydration Equipment (domestic)  
Food Grinders  
Food Mixers  
Food Preparation Machinery  
Food Servers  
power motor.  
Fry Kettles  
Griddles  
Grills  
Hair Clippers  
Hair Driers  
Heating Pads  
Hedge Clippers  
Hotplates and Disc Stoves  
Ice Cream Freezers (domestic)  
Immersion Heaters  
Juice Extractors  
Knife Sharpeners and Grinders  
Massage Vibrators  
Meat, Fish and Bone Cutters  
Neckwear and Trousers Pressers  
Ovens (except as covered by L-182)  
Peanut Roasters  
Percolators  
Permanent Wave Equipment  
Popcorn Machinery  
Portable Air Heaters  
Pyrographic Pencils  
Radiant Heaters  
Ranges, Commercial (except as covered by L-182)  
Roasters  
Roasting Ovens  
Sandwich Toasters  
Soup Cookers  
Steak and Meat Tenderizing Equipment  
Steam Tables  
Steamers  
Stock Pots  
Strip Heaters  
Table Stoves  
Tea Kettles  
Unit Heaters  
Urns  
Vibrators  
Vane Heaters  
Waffle Irons  
Water Heaters (except as covered by L-185)  
Only those using a fractional horsepower  
Except for industrial applications.

## CLASSIFIED ADVERTISING

RATES for "Positions Wanted," 5¢ per word; minimum charge, \$2.50. Three consecutive insertions, 12½¢ per word; minimum charge, \$6.25.

RATES for all other classifications, 10¢ per word, minimum charge, \$5.00 per insertion. Three consecutive insertions, 25¢ per word, minimum charge, \$12.50.

ADVERTISEMENTS set in usual classified style. Box addresses count as five words, other addresses by actual word count.

### POSITIONS AVAILABLE

SERVICE MAN for air conditioning machines—permanent position; state experience, draft status, salary desired. New York City. Box 1440, Air Conditioning & Refrigeration News.

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PANEL COOLERS, 6,000 B.t.u. @ 20° T.D. white baked finish, with all steel coils and 1/30 H.P. 110 volt A.C. motors 52" high, 18½" side, 9¼" deep. Limited quantity \$62.50 net each. Air cooled condensers, all copper coil, 52 sq. ft. surface, 2 row, 2 pass, 32 tubes, 21¼" long, 15 13/16" high, 2" deep, ¾" F.P.T. top and bottom headers. Heavy duty ½ H.P. capacity \$11.85 net each. Terms cash with order or COD—J. GEO. FISCHER & SONS, INC., Saginaw, Mich.

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